

ASTD/TDI Project Static Report

Rapid PCB Screening Technology

Focus Area:	Tanks Focus Area	Focus Area Manager:	Marcus Glasper, (509) 372-4012
TTP No.:	RL09WT41	Principal Investigator:	David Dodd, (509) 373-2154
Lead Site:	Richland		
Project No.:	99-ASTD-36	Technology Vendor(s)/Commercial Partner(s):	
Tech ID/TMS No.:	TBD		Sylvanus Environment

Related Publication(s):

Web Page(s):

Description: A modified field screening kit for extraction and detection of PCBs is used to detect and identify the entire range of regulated Aroclor substances. The technology will be used to screen sludge from Hanford's K-Basin before processing and dispositioning. AROCLOR and PCBs are used interchangeably, (AROCLOR is a mixture of PCB congeners, produced by Monsanto Corp.)

Application: The technology could be applied for field screening to detect and identify AROCLOR substances in a wide variety of applications, including those requiring the technology to be insensitive to radiation, oils, and solvents.

Location(s): K-Basins at Hanford

Technology(ies):

Field Test Kit for Detecting PCBs over Entire Range of Aroclor Compounds

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	RL09WT41	\$0	\$19	\$56	\$0	\$75
Leverage Source:	EM-30					\$126
						\$201
					Funding Total (\$K):	\$201

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	Pending	Pending	\$169